

Environmental Protection Agency

§ 430.75

(b) [Reserved]

§ 430.75 New source performance standards (NSPS).

(a) The following applies to mechanical pulp facilities where pulp and paper at groundwood mills are produced through the application of the thermo-mechanical process; mechanical pulp facilities where the integrated production of pulp and coarse paper, molded pulp products, and newsprint at groundwood mills occurs; and mechanical pulp facilities where the integrated production of pulp and fine paper at groundwood mills occurs: any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days ef-

fluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound:

SUBPART G

[NSPS for mechanical pulp facilities where pulp and paper at groundwood mills are produced through the application of the thermo-mechanical process]

| Pollutant or pollutant property | Kg/kg (or pounds per 1,000 lb) of product | | |
|---------------------------------|---|---|---|
| | Continuous dischargers | | Non-continuous dischargers (annual average) |
| | Maximum for any 1 day | Average of daily values for 30 consecutive days | |
| BOD5 | 4.6 | 2.5 | 1.3 |
| TSS | 8.7 | 4.6 | 2.4 |
| pH | (¹) | (¹) | (¹) |

| Pollutant or pollutant property | Maximum for any 1 day | |
|---------------------------------|---|------------------|
| | Kg/kg (or pounds per 1,000 lb) of product | Milligrams/liter |
| Pentachlorophenol | 0.00097 | (0.017)(13.8)/y |
| Trichlorophenol | 0.00088 | (0.015)(13.8)/y |
| Zinc | 0.17 | (3.0)(13.8)/y |

y = wastewater discharged in kgal per ton at all times.

¹ Within the range of 5.0 to 9.0 at all times.

SUBPART G

[NSPS for mechanical pulp facilities where the integrated production of pulp and coarse paper, molded pulp products, and newsprint at groundwood mills occurs]

| Pollutant or pollutant property | Kg/kg (or pounds per 1,000 lb) of product | | |
|---------------------------------|---|---|---|
| | Continuous dischargers | | Non-continuous dischargers (annual average) |
| | Maximum for any 1 day | Average of daily values for 30 consecutive days | |
| BOD5 | 4.6 | 2.5 | 1.3 |

SUBPART G—Continued

[NSPS for mechanical pulp facilities where the integrated production of pulp and coarse paper, molded pulp products, and newsprint at groundwood mills occurs]

| Pollutant or pollutant property | Kg/kg (or pounds per 1,000 lb) of product | | |
|---|---|---|---|
| | Continuous dischargers | | Non-continuous dischargers (annual average) |
| | Maximum for any 1 day | Average of daily values for 30 consecutive days | |
| TSS | 7.3 | 3.8 | 2.0 |
| pH | (¹) | (¹) | (¹) |
| | | | |
| | Maximum for any 1 day | | |
| | Kg/kg (or pounds per 1,000 lb) of product | Milligrams/liter | |
| Pentachlorophenol | 0.0011 | (0.016)(16.8)/y | |
| Trichlorophenol | 0.00099 | (0.014)(16.8)/y | |
| Zinc | 0.21 | (3.0)(16.8)/y | |
| y = wastewater discharged in kgal per ton at all times. | | | |

¹ Within the range of 5.0 to 9.0 at all times.

SUBPART G

[NSPS mechanical pulp facilities where the integrated production of pulp and fine paper at groundwood mills occurs]

| Pollutant or pollutant property | Kg/kg (or pounds per 1,000 lb) of product | | |
|---|---|---|---|
| | Continuous dischargers | | Non-continuous dischargers (annual average) |
| | Maximum for any 1 day | Average of daily values for 30 consecutive days | |
| BOD5 | 3.5 | 1.9 | 0.99 |
| TSS | 5.8 | 3.0 | 1.58 |
| pH | (¹) | (¹) | (¹) |
| | | | |
| | Maximum for any 1 day | | |
| | Kg/kg (or pounds per 1,000 lb) of product | Milligrams/liter | |
| Pentachlorophenol | 0.0010 | (0.016) (15.4)/y | |
| Trichlorophenol | 0.00092 | (0.014) (15.4)/y | |
| Zinc | 0.19 | (3.0) (15.4)/y | |
| y = wastewater discharged in kgal per ton at all times. | | | |

¹ Within the range of 5.0 to 9.0 at all times.

(b) [Reserved]

§ 430.76 Pretreatment standards for existing sources (PSES).

(a) The following applies to mechanical pulp facilities where pulp and paper at groundwood mills are produced through the application of the thermo-mechanical process; mechanical pulp facilities where the inte-

grated production of pulp and coarse paper, molded pulp products, and newsprint at groundwood mills occurs; and mechanical pulp facilities where the integrated production of pulp and fine paper at groundwood mills occurs: except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works